

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

690 Walnut Ave.St. 150

Vallejo, CA 94592-1133

(707) 649-5453

(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-027636**Date Inspected:** 19-May-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 900**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Jobsite

CWI Name:	N/A		
Inspected CWI report:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A

CWI Present:	Yes	No
Rod Oven in Use:	Yes	No N/A
Weld Procedures Followed:	Yes	No N/A
Verified Joint Fit-up:	Yes	No N/A
Approved WPS:	Yes	No N/A
Delayed / Cancelled:	Yes	No N/A

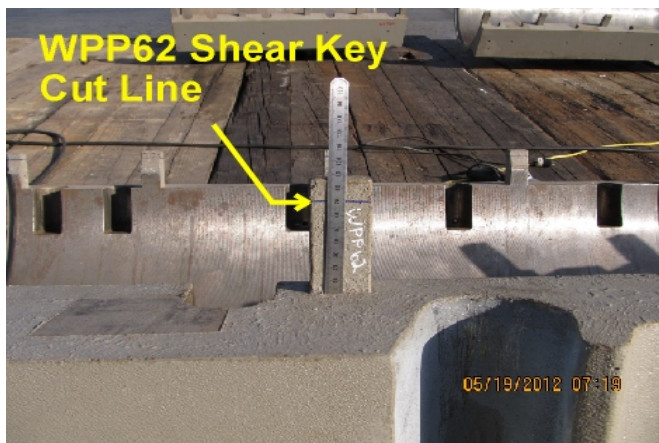
Bridge No: 34-0006**Component:** SAS Components**Summary of Items Observed:**

The Caltrans Quality Assurance Inspector (QAI) David Gray was at the American Bridge Fluor (ABF) job site between times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

The QAI observed work in progress where the male Cable Band half shear key ends were in process of having 15mms removed by a power grinder with a cut off wheel and the cut edges dressed by a power grinder with a flapper disc as noted on "Red Line" changes to Goodwin Steel Castings Drawing No. 554Q-B2-1-M. The QAI noted that shear key detail "JOINT AT KEY", from Sheet labeled "CABLE BAND DETAILS NO. 3" denotes a chamfer face of 50mm, the removal of the key ends reduce that dimension by 15 + mm. The QAI did not have a RFI or Contract Change Order on hand for verification of workmanship above. The QAI was assigned off-site work by QAI supervisor William Levell and left before the end of shift. Work appears to be in general accordance with referenced documents above.

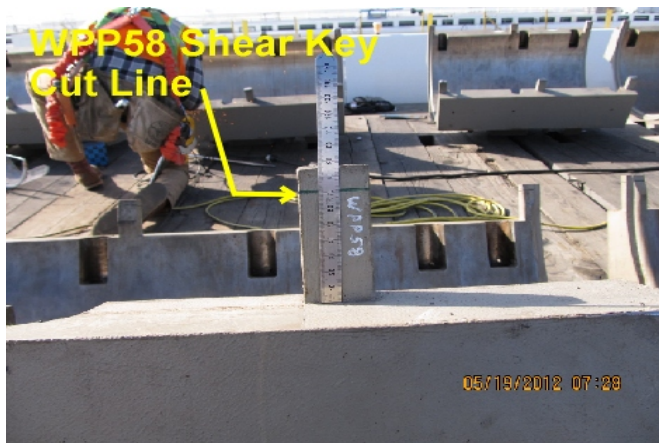
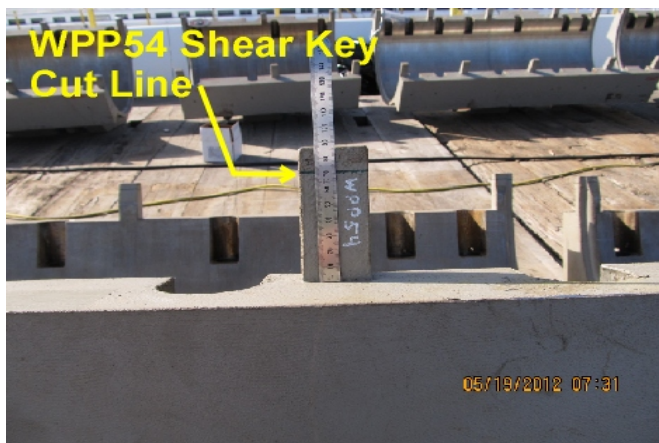
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Summary of Conversations:

Except as noted above no significant conversations were held on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy 510-385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Gray,David	Quality Assurance Inspector
Reviewed By:	Levell,Bill	QA Reviewer
